

ABSTRACT OF THE DISCLOSURE

A hand-off mobile communication system dispensing execution of complex processes at both base station and terminal side, and reducing interference originated when monitoring a neighboring base station.

5 A radio communication terminal is provided comprising a receiver unit using a transmission suspending period generated as a result of the reception of compressed data frames, and yet, based on such function for measuring actual intensity of data signal from neighboring base stations using different frequencies and also, based on the measured result, 10 controls a transmitting and/or receiving means to switch a base station transmitting and/or receiving actual data. Also, there is provide a CPU detecting that the radio terminal remains in a non-mobile condition and then transmits the data signal indicating this condition to a switched base station. In response to the data from the radio terminal 15 notifying this condition, the base station continuously transmits radio data frames to the radio communication terminal without providing such a transmission suspending period.

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